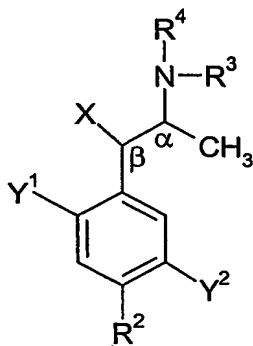


WE CLAIM:

1. A method for lowering and controlling intraocular pressure and/or treating a mammal
 5 suffering from glaucoma, which comprises, administering to the mammal a pharmaceutically effective amount of a compound of the following formula I:



I

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wherein:

X = OH, OR¹, OCON(R⁵, R⁶), or OCOR⁵;Y¹ = OH, OR¹, F, OCON(R⁵, R⁶), or OCOR⁵;Y² = OH, OR¹, OCON(R⁵, R⁶), or OCOR⁵, with the proviso that both Y¹ and Y² are not OH;15 R¹ = C₁₋₃ alkyl;R² = C₁₋₃ alkyl, Cl, Br, I, CF₃, or OR¹;R³, R⁴ = H, C₁₋₃ alkyl;R⁵ = C₁₋₆ alkyl; andR⁶ = H, C₁₋₆ alkyl;

20 and pharmaceutically acceptable salts thereof.

2. The method of claim 1, wherein for the compound of formula I:

R¹ = methyl;25 R² = Br, C₁₋₃ alkyl; andR³, R⁴ = H.

3. The method of claim 2, wherein for the compound of formula I;

Y^1 = methoxy;

Y^2 = OH, methoxy; and

5 the α and β carbons are in the *R* configuration.

4. The method of claim 1, wherein the mammal is a human and the compound is administered topically.

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5. The method of claim 1, which further comprises, administering an intraocular pressure (IOP) lowering effective amount of an IOP lowering agent selected from the group consisting of: β -blockers, carbonic anhydrase inhibitors, α_2 agonists, prostaglandin analogs, and combinations thereof.

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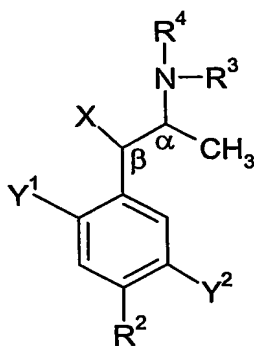
6. The method of claim 5, wherein the compound of formula I and the IOP lowering agent are administered together as a single composition.

7. The method of claim 1, wherein the compound of formula I is selected from the group consisting of: (-)-*erythro*-(1R,2S)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Hydrochloride; (+)-*erythro*-(1S,2R)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Hydrochloride; (+)-*threo*-(1S, 2S)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Hydrochloride; (-)-*threo*-(1R,2R)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Hydrochloride; (-)-*erythro*-(1R,2S)-1-Methoxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; (+)-*erythro*-(1S,2R)-1-Methoxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; (+)-*threo*-(1S,2S)-1-Methoxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; (-)-*threo*-(1R,2R)-1-Methoxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; and their pharmaceutically acceptable salts.

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8. The method of claim 5, wherein the compound of formula I is: (-)-*threo*-(1R,2R)-1-Methoxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate and its pharmaceutically acceptable salts.

9. A compound of the following formula I:



I

5 wherein:

X = OH, OR¹, OCON(R⁵, R⁶), or OCOR⁵;

Y¹ = OH, OR¹, F, OCON(R⁵, R⁶), or OCOR⁵;

Y² = OH, OR¹, OCON(R⁵, R⁶), or OCOR⁵, with the proviso that both Y¹ and Y² are not OH;

10 R¹ = C₁₋₃ alkyl;

R² = C₁₋₃ alkyl, Cl, Br, or I with the proviso that when X = OH, R² is not I or methyl;

R³, R⁴ = H, C₁₋₃ alkyl;

R⁵ = C₁₋₆ alkyl; and

R⁶ = H, C₁₋₆ alkyl;

15 and pharmaceutically acceptable salts thereof.

10. The compound of claim 9, wherein for formula I:

R¹ = methyl;

20 R² = Br, C₁₋₃ alkyl; and

R³, R⁴ = H.

11. The compound of claim 10, wherein for formula I:

25 Y¹ = methoxy;

Y² = OH, methoxy; and

the α and β carbons are in the R configuration.

12. The compound of claim 9, which is selected from the group consisting of: (-)-(*erythro*-
1 (1R,2S)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Hydrochloride; (+)-
erythro-(1S,2R)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane
5 Hydrochloride; (+)-*threo*-(1S, 2S)-1-Hydroxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-
aminopropane Hydrochloride; (-)-*threo*-(1R,2R)-1-Hydroxy-1-(4-bromo-2,5-
dimethoxyphenyl)-2-aminopropane Hydrochloride; (-)-*erythro*-(1R,2S)-1-Methoxy-1-(4-
bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; (+)-*erythro*-(1S,2R)-1-Methoxy-1-(4-
bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; (+)-*threo*-(1S,2S)-1-Methoxy-1-(4-
10 bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; (-)-*threo*-(1R,2R)-1-Methoxy-1-(4-
bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate; and their pharmaceutically acceptable
salts.

13. The compound of claim 12, which is:
15 (-)-*threo*-(1R,2R)-1-Methoxy-1-(4-bromo-2,5-dimethoxyphenyl)-2-aminopropane Oxalate.